20030610.qrp v02_n947.qrl.20030610

Date: Tue, 10 Jun 2003 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2947

QRP-L Digest 2947

Topics covered in this issue include:

  1) [152148] RE: American QRP Club/QRP-ARCI?
     by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
  2) [152149] Air Coil balun..(Heath) tnx to all who replied..and summary.
     by ve3ab@mail.mondenet.com
  3) [152150] Re: NorCal Keyer Manual Error Fixed & available for all to see.
     by Joe Martin <km5cw@arrl.net>
  4) [152151] Crystal sockets !
     by Rick McKee <kc8aon@juno.com>
  5) [152152] Re: FOX - absolutely nuthin'
     by n1ix@att.net
  6) [152153] Thanks for help with DC rcvr hum
     by "Doc K0EVZ" <dock0evz@earthlink.net>
  7) [152154] Re: Hum in DC receiver?
     by Tom Bowman <wa3rey@comcast.net>
  8) [152155] Re: FS keys and AADE IIB
     by "Walter AG5P" <walter@accessus.net>
  9) [152156] 'Tenna Dippers
     by "Steven Weber" <kd1jv@moose.ncia.net>
 10) [152157] Re: [OT] More Alt+XXXX Char's Info
     by "Connie" <lee1@3rivers.net>
 11) [152158] FS: OHR100 20m with DD-1
     by "bhuyck" <bhuyck@prodigy.net>
 12) [152159] WV QSO Party (QRP category)
     by Garie Halstead <khyberpass65@yahoo.com>
 13) [152160] Re: NorCal Keyer Kits
     by "Tim, N9PUZ" <n9puz@arrl.net>
 14) [152161] AT Sprint 4 Sale??
     by "Dennis Payton" <dpayton@fwi.com>
 15) [152162] Michigan QRP Net Tonight
     by kwike@gdls.com
 16) [152163] Mobile installation pictures
     by Alex <kr1st@amsat.org>
 17) [152164] If you like the Rock-Mite, you'll love the DSW-II
     by "Bruce Prior" <n7rr@hotmail.com>
 18) [152165] FS - SW radio and kit package deal
     by lfcpa@juno.com
 19) [152166] Possible FS - HRO Sixty

    by "Mike Yetsko" <myetsko@insydesw.com>
 20) [152167] Fw: Fox Log - N3BJ - Corrected/Final
    by "Alan Fryer" <N3BJ@hotmail.com>
 21) [152168] SW-20 radio and SW-30 kit are sold.
    by lfcpa@juno.com
 22) [152169] Re: Air Coil balun..(Heath) tnx to all who replied..and summary.
    by "Bob Tellefsen" <n6wg@earthlink.net>
 23) [152170] Re: Possible FS - HRO Sixty
    by Brad Thompson <Brad.Thompson@valley.net>
 24) [152171] Thanks to the American QRP Club
    by "John Burnley" <JBurnley@ifmc.org>
 25) [152172] Piggi hunten
    by "Jerry Ford" <benlightnd13@mchsi.com>
 26) [152173] Fox - Summer Fox Hunt Team Results.
    by Bruce Rattray <rattray@gpfn.sk.ca>
 27) [152174] Fox - Summer Fox Hunt Team Results.
    by Bruce Rattray <rattray@gpfn.sk.ca>
 28) [152175] OT: wanted: Wavetek 1062
    by "Craig A. Ferris" <cferris@aeronix.com>
 29) [152176] morse program and Linux
    by Haines Brown <brownh@hartford-hwp.com>
 30) [152177] Re: morse program and Linux
    by "Pastor-kc1di" <elbc2@gwi.net>
 31) [152178] Re: morse program and Linux
    by Ed Lawson <k1vp@grizzy.com>
 32) [152179] Re: Possible FS - HRO Sixty
    by Ed Tanton <n4xy@earthlink.net>
 33) [152180] Iowa QRP Club CW Net
    by mark.milburn@juno.com
 34) [152181] Scrap double sided circuit board
    by "Mugleston, Brad" <brad.mugleston@gwl.com>
 35) [152182] Re: morse program and Linux
    by WJuergens@t-online.de (Wolf-Ruediger Juergens)

Date: Mon, 9 Jun 2003 17:25:01 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [152148] RE: American QRP Club/QRP-ARCI?
Message-ID: <721D3436A7C2B344A301FD4A413C71A9017353FC@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I don't see this as a division in QRP at all, no more than having a =

national QRP organization (or 3), or national groups like TAPR, AMRAD, =
AMSAT and a host of others is a division in amateur radio in =
relationship to ARRL. All such organizations add to the strength and =
diversity of the Amateur Radio Service and thus have value to us all/

>From what I see, the AmQRP club has a focused set of objectives that, to =
some degree, may overlap those of ARCI, but each organization is making =
important contributions to QRP. There are over 600,000 hams right now, =
and among them are many many Good Things being done for amateur radio. =
Not all of them occur under the direct control of any organization, nor =
should they be. The strength of amateur radio is that those 600,000 =
people get more done than any organization could. In many cases, the =
best role for organizations is to help support and promote the Good =
Things being done by amateurs worldwide.

As I often say, in amateur radio, all Good Things do NOT come from =
Newington, CT, or from QRP ARCI or from AmQRP or any other single =
entity. The same applies here. From what I have seen, ARCI is =
supportive of this joint effort and the end result is a significant =
benefit to QRP.

Harry S Truman said it best: "There is no limit to what you can get =
done if you don't care who gets the credit." Let's all support what =
gets done and let Amateur Radio as a whole take the credit. That really =
is where it all comes from anyway.

73,=20
Ed Hare, W1RFI

> -----Original Message-----
> From: Dennis Payton [mailto:dpayton@fwi.com]
> Sent: Thursday, June 05, 2003 1:47 PM
> To: Low Power Amateur Radio Discussion
> Subject: American QRP Club/QRP-ARCI?
>=20
>=20
> I've debated whether or not to ask this question, but believe=20
> there are
> other fellows asking the same thing. I certainly hope it=20
> doesn't create any
> hard feelings. Many people selflessly invest large amounts of=20
> their time and
> energy so that fellows like me can more fully enjoy our niche=20
> in the hobby,
> and I genuinely appreciate all of them. I just want to be clear about
> things.
>=20
> The question is, "What about QRP-ARCI?" I thought it was the=20

> central club
> that all the individual clubs supported. I see the introduction of the
> American QRP Club as an announcement that, "There's a new man=20
> in town." Is
> that correct?
>=20
> For some time, I've been fearing there was growing division=20
> among people in
> leadership positions in our hobby. Maybe disagreement with=20
> how QRP-ARCI is
> being run or how it's set up, I don't know, but I've been=20
> concerned. I don't
> see two national clubs benefiting us as a whole, and I'm=20
> afraid there's been
> a split among our leaders. Would somebody enlighten me as to why the
> creation of a competing national club is necessary? Maybe=20
> it's just good old
> fashioned competition and it's healthy, I don't know, but my initial
> reaction is, "Why can't we all work together in the club we=20
> already have?"
>=20
> Thanks,
>=20
> Denny Payton   N9JXY
>=20
>=20
>=20

Date: Mon, 9 Jun 2003 17:31:52 +0000
From: ve3ab@mail.mondenet.com
To: qrp-l@lehigh.edu
Subject: [152149] Air Coil balun..(Heath) tnx to all who replied..and summary.
Message-ID: <200306092131.h59LVa6L005552@barclay.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Tnx to all who gave me ideas and comments on the Heath (B1). Seems it
was popular with 75 ohm coax and (probably) 300 ohm off center fed
wire ..ie a windom style antenna (with 300 ohm tv feeder). In
fact..one fellow suggested I put up a windom and try it.
Others suggested..that I test it on the bench with resistive loads
across the HF spectrum. Something I can do..because I have an SWR
analyser that goes from 160 mtrs up past 2 mtrs.
Thats what I think Ill do..at least at first. Ill wire it up with 50
ohm patch cord..and then a 75 ohm patch cord. across hf.

Ill report to the group on my findings later.
73 Earl VE3AB

Date: Mon, 09 Jun 2003 16:44:31 -0500
From: Joe Martin <km5cw@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [152150] Re: NorCal Keyer Manual Error Fixed & available for all to see.
Message-ID: <3EE4FFBE.B568AE37@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey Doug,
I was just surfing the web and decided to put in an address of AmQrp.org and wala!
A new site hath sprung up! Nice going.
Also Please bring a bunch of those 2 new kits with you to Texas,, I'll be working at the ARCI table so it will give me something to play with <g>. Look forward to seeing you.
73 de KM5CW, Joe

Doug Hendricks wrote:

> Guys, when I printed the first run of NorCal Keyer manuals late last
> Saturday night, I grabbed the wrong file. If you got a manual in 8.5 x 11"
> format, please send me an email and I will send you the MSWord file. If the
> rest of you want to take a look at it, send me an email and I'll send you
> the file too. This is the manual for the $15 NorCal Keyer that has a ton of
> features. If you get the file and want to order the keyer, here is how you
> do it:
>
> Send a check or money order for $15 per keyer ordered made out to Doug
> Hendricks to:
>
> Doug Hendricks
> Attn: NorCal Keyer
> 862 Frank Ave.
> Dos Palos, CA 93620
>
> I will ship the next day after I get your order. The keyers are in stock
> and ready to go. 72, Doug, KI6DS

Date: Mon, 9 Jun 2003 17:40:07 -0400

From: Rick McKee <kc8aon@juno.com>
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [152151] Crystal sockets !
Message-ID: <20030609.174822.9014.1.kc8aon@juno.com>

Someone was looking for crystal sockets ? I use IC sockets for mine, an
8 pin socket will hold 4 crystals !

      72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX
                                QRP-L #2112, FPqrp #33, AR QRP #269
                    QRP'ers DEPEND ON SKILL - NOT RAW POWER !

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only $14.95/ month - visit www.juno.com to sign up today!

Date: Mon, 09 Jun 2003 21:58:23 +0000
From: n1ix@att.net
To: qrp-l@lehigh.edu
Subject: [152152] Re: FOX - absolutely nuthin'
Message-ID: <200306092158.h59LwS4w001343@rain.CC.Lehigh.EDU>

Dave was very strong here in New England. I worked him early but listened for
most of the hunt and at times he was s9. I never heard Alan.

Dave N1IX

> >I heard plenty of hounds, but nary a fox. I guess VOACAP was telling
> >the truth :-(
> >
> >Al, K2ZN
>
> Ditto here, Al. I figured I'd never hear Alan, given the propagation
> from Virginia to Pennsylvania on 20 meters, but I thought Dave would be
> a chip shot, given what I was hearing on the band. But, no soap, doc!
> Never heard a peep. Once in a while, I would hear someone calling him
> around 14061 or thereabouts, but I never heard Dave.
>
> Oh well. I've never done really well in the Summer Fox Hunts. 8^)
>
> 72/73,
>   ____   /   _____   /
>   /   )   /   /   /

>
>
> +---+
> | Bob Schreibmaier K3PH | E-mail: k3ph@ptd.net |
> | Kresgeville, PA 18333 | http://home.ptd.net/~k3ph |
> +---+
>

Date: Mon, 9 Jun 2003 17:14:33 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>,
        "Elecraft " <elecraft@mailman.qth.net>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [152153] Thanks for help with DC rcvr hum
Message-ID: <41200361922143370@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Thanks to the tremendous and helpful response on dealing with hum on this DC receiver. Turns out the answer was to go with a battery, first of all--that helped a lot. Then one suggested keeping the receiver as far away as possible from possible sources of hum, eg power supply transformers. Wow, now the receiver is working like bang busters. Thanks one and all. Been a ham since 1961, and still have lots to learn here.

73,
--Doc/K0EVZ

Date: Mon, 09 Jun 2003 18:16:52 -0400
From: Tom Bowman <wa3rey@comcast.net>
To: qrp-l@lehigh.edu
Subject: [152154] Re: Hum in DC receiver?
Message-ID: <001701c32ed4$d423b440$08415344@TOMS>

MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

>It can often be caused by the oscillator (it's on the same
>frequency, of course) being received by the front end. Any hum on
>the oscillator signal then gets amplified.

To avoid hum some builders use an LO signal at half the
operating frequency followed by a frequency doubler.

Tom, WA3REY

   Tom Bowman, WA3REY, Mount Gretna, PA USA
     (All mail scanned by Norton 2002)

Date: Mon, 9 Jun 2003 17:58:58 -0500
From: "Walter AG5P" <walter@accessus.net>
To: <qrp-l@lehigh.edu>
Subject: [152155] Re: FS keys and AADE IIB
Message-ID: <003d01c32eda$b6278f60$6c476ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All the items have been sold. Thanks to all for your
interest. Wish I had owned a dozen AADE's so everyone
could have had one :-)
72/73...Walter - AG5P

Date: Mon, 9 Jun 2003 19:01:15 -0400
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: <qrp-l@lehigh.edu>
Subject: [152156] 'Tenna Dippers
Message-ID: <000f01c32edb$1e0d27c0$dfccfea9@turbotoo>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I'll be sending out a batch of 'Tenna Dipper kits
tomorrow, with the balance the day after. Main
reason for this note is I just discoverd that
using a Whitmans Sampler tin to package the Dipper
in is probably better than an Altoids tin.

The sampler tin is a little taller and wider than
the Altoids, so you can stand the 9V battery on
it's side and there's enough room around the edges
of the board to mount a BNC jack. With the
Altoids, you'd be limited to using a RCA jack, or
having a BNC plug/jack on a pig tail outside the
tin.

Anyway, this is a "heads up" for those expecting a
kit in thier mail boxes soon.

72,
Steve, KD1JV
White mountains of New Hampshire
"melt Solder"
www.qsl.net/kd1jv/

Date: Mon, 9 Jun 2003 17:00:10 -0600
From: "Connie" <lee1@3rivers.net>
To: <qrp-l@Lehigh.EDU>
Subject: [152157] Re: [OT] More Alt+XXXX Char's Info
Message-ID: <02d801c32eda$e27013d0$a0eb81d8@LIFEBOOK>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I did that.

In XP Pro, I can select the font, I am using, in Notepad, for example.
Then, mouseclick the charset character, Select, Copy.
Then, in Notepad or in Email locate the spot with the mouseclick, use
Cntrl+V

for example

Thanks !

Connie, w7cjd

Date: Mon, 9 Jun 2003 19:06:31 -0500
From: "bhuyck" <bhuyck@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [152158] FS: OHR100 20m with DD-1
Message-ID: <NDBBLNJFELBFIPKEIOHJOEJOEKAA.bhuyck@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale-
I have a OHR100 20 meter transceiver with a ten turn pot. Variable output up to 5 watts via back panel control. Also included is a DD-1 ditigal dial. Both original manuals are included. Rig has been in a non-smoking environment. Price $130 for both plus shipping. Bruce KS4V

Date: Mon, 9 Jun 2003 17:54:33 -0700 (PDT)
From: Garie Halstead <khyberpass65@yahoo.com>
To: Low Power radio discussion <qrp-l@Lehigh.EDU>
Subject: [152159] WV QSO Party (QRP category)
Message-ID: <20030610005433.82652.qmail@web80503.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

2003 WEST VIRGINIA QSO PARTY

This Saturday, June 14, will be the 2003 WV QSO Party. Times are 1600Z Saturday, June 14, through 0200Z Sunday, June 15, 2003. Full information can be found at <http://www.qsl.net/wvarrl/wvqp2003.html>. This includes last year's results, plaques offered, rules, county list (55) and summary sheet.

There are awards for HP, LP, and QRP. We hope to have all 55 counties on the air.

N3FJP has written computer logging software for the WVQP. It is available for only $6.00 and is a full-functioned, contest logging

program! It can be downloaded from <http://www.n3fjp.com> by clicking
on
"State QSO Party Logs" on that page.

Specially designed WV QSO Party T-shirts will be available. Information
in rules.

Hope see you in the 2003 WVQP,
Dave WA8WV <wa8wv@aol.com>

_____
Do you Yahoo!?
Yahoo! Calendar - Free online calendar with sync to Outlook(TM).
http://calendar.yahoo.com

Date: Mon, 9 Jun 2003 22:48:33 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [152160] Re: NorCal Keyer Kits
Message-ID: <200369224838.765684@EOS>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The mail person delivered my new NorCal Keyer kit yesterday. I=
 haven't had
the time to build it yet but as usual the circuit board and the=
 components
all look like first rate stuff. The feature set of the software=
 looks great
too.

All in all it looks like a lot of value for the money.

Tim, N9PUZ

Date: Tue, 10 Jun 2003 00:34:55 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [152161] AT Sprint 4 Sale??
Message-ID: <02fb01c32f12$070af020$d0b054d1@6300us>
MIME-Version: 1.0

Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been kicking myself ever since I drug my feet and missed the
opportunity to buy an AT Sprint. Would there happen to be anyone out there
kicking themselves for buying one because they don't have time to assemble
it?? If there is, I'd sure like to make a deal!

Thanks,

Denny Payton, N9JXY

Date: Tue, 10 Jun 2003 07:27:03 -0400
From: kwike@gdls.com
To: qrp-l@Lehigh.EDU
Subject: [152162] Michigan QRP Net Tonight
Message-ID: <OF9496A292.3E7C743E-ON85256D41.003E58F6@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

We had seven check-ins last week. Conditions were good for June.
Expecting storms tonight so conditions will be poor and may even cancel the
net.

```
K8JRO    589 599 CLIO       MI JERRY
K8CV     599     ROYAL OAK  MI WALT
W8IQB    579 579 BRISTOL    MI LOWELL
WA8BXN   599 599 CLEVELAND  OH MIKE
N1CUU    569 579 GETTYSBURG PA CARL
K1YPP    569 469 HAMPSTEAD  NH DENNIS
WA8REI/P 589 599 MAYVILLE   MI KEN
```

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern Time on
3.535 MHz. All hams are welcome.

Ed   AB8DF

Date: Tue, 10 Jun 2003 09:29:08 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [152163] Mobile installation pictures
Message-ID: <3EE5DD24.13604261@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

I just put a page up on my web site on a mobile 2 meter installation in a 2003 Toyota Corolla (with pictures). I put it on this list just in case folks are looking for installation options for this particular car. Of course the installation can be extended to different rigs.

My web site:

http://www.kr1st.com

I'm currently working on a page describing my inverted-V with homebrew open wire feed line and I'll drop another note if that one is up.

73,
--Alex KR1ST

Date: Tue, 10 Jun 2003 14:19:03 +0000
From: "Bruce Prior" <n7rr@hotmail.com>
To: unlisted-recipients:; (no To-header on input)
Subject: [152164] If you like the Rock-Mite, you'll love the DSW-II
Message-ID: <BAY1-F94wOLZCHusMjQ0000ad10@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Lots of folks now have become veteran kit builders by tackling the Rock-Mite. It's a fun radio that really works, and the price is right. It has amazing capability for a $25 rig (including a built-in iambic keyer), but let's admit it: an amateur transceiver that operates on only two frequencies is basically a novelty item. I like the Rock-Mite very much. I'm expecting my review to appear in the July 2003 issue of CQ Amateur Radio, but Dave Benson's cover article in the April 2003 issue of QST is richly descriptive and is much more detailed than my review.

If the Rock-Mite is a tiny magic turtle, the DSW-II is a steed. Go to the <http://www.smallwonderlabs.com> website to catch the details. The 20 m version, which is now available, covers the entire 20 m band and way beyond.
If you hold the RIT switch in the up position on power-up, the DSW-II-20 jumps up to 15.000 MHz to tune in WWV, the 10 kW National Institute of Standards and Technology Station for standard frequency, time, storm, GPS

and propagation information. See:
http://www.boulder.nist.gov/timefreq/stations/wwv-wheel.htm
for details about WWV.

At $150, the currently-available DSW-II-20 is a bargain. Since I've already built a DSW-80, a DSW-40 and a DSW-20, I'll be waiting to be a beta tester for the 17 m DSW-II when Dave Benson gives the go-ahead. Use the DSW-II at home. Throw it into your suitcase for a business trip or into your backpack or even your jacket pocket for a trip to the wilderness. The only significant disadvantage of the DSW and DSW-II for backpacking is that the stock radio doesn't have enough audio output to drive a speaker (making it a battery miser, of course), so you can't listen to the radio while you're doing camp chores. The solution is to mount a little audio amplifier into a small external speaker cabinet, perhaps powered with a 9 V transistor battery. A stop by RadioShack should solve that problem.

Here's another idea: is there a white-cane CW operator in your local ham club? How about volunteering to build a DSW-II to introduce that amateur to the joys of QRP operating? The DSW rigs are great for blind radio amateurs, since their operation is entirely aural and tactile. The heart of its secret is the detented tuning control with a notch which can be used for counting rotations. The detented control makes precise frequency control possible for blind amateurs. The same feature allows sighted operators to use the rig in a dark tent or at home during a power outage. Ask Walter HendricksonVE7BGJ. Totally blind from birth, Walter is a superb CW operator. Chuck Crandall AF4PP built a DSW-20 and then gave it to Walter. Lou Beaubien VE7CGE adapted it for Walter's shack. You can send an e-mail to Walter at
ve7bgj@ve7ass.ampr.org
Walter reads e-mail through a digital-to-Morse converter. The DSW-II rigs include a front-panel LED which blinks as you rotate the detented main frequency control, and it illuminates when you're in RIT mode. However, Dave Benson has added an extra wrinkle for blind ops: in RIT mode, the Morse frequency readout includes an "R" to signal RIT mode status.

You can download the DSW-20 manual from:
http://smallwonderlabs.com/DSW20_Manual.pdf
There's also a troubleshooting document with additional building tips at:
http://smallwonderlabs.com/DSWhelps.pdf
Chuck Adams K7QO, one of the DSW-II-20 beta testers, has posted a step-by-step pictorial account of the building process at:
http://www.qsl.net/k7qo/dsw2.html

Check your local library for my review of the DSW series in the December, 1999 issue of CQ Amateur Radio. Here is a breakdown of features of the DSW-II-20, with comparisons with the DSW-20, now long out of production. (I'm sending the comparison in the form of two columns. If it ends up as a confusing mess on your screen, copy the text of this e-mail into your word

processor and lengthen the line width.)

DSW-II-20	DSW-20
CW transmit mode with mode B keyer	CW transmit mode with mode B keyer
default keyer speed 20 WPM, adjustable	default keyer speed 15 WPM, adjustable
receives on LSB, bandwidth for CW	receives on LSB, bandwith for CW
0.1 to 4 W power output, backpanel adjustable	fixed 2 to 2.5 W power output
precise detented crystal tuning control	precise detented encoder crystal tuning control
RIT indicated by LED & Morse freq. annunciator	RIT indicated by lever position
tuning range: limited only by resonant circuits, i.e. entire 20 m band and well beyond	tuning range: limited only by resonant circuits, i.e. entire 20 m band and well beyond
two circuit boards with flex cable wiring	one circuit board with point-to-point wiring
no alignment equipment needed	ohmmeter needed for alignment
several parts pre-installed	several parts pre-installed
four toroids to wind	four toroids to wind
24-step detented tuning encoder	30-step detented tuning encoder
coarse: 4.8 kHz per rotation	coarse: 6.0 kHz per rotation
fine: 1.2 kHz per rotation	fine: 1.5 kHz per rotation
enclosure included	
anodized aluminum enclosure optional	
weight with enclosure 12 oz., 330 g	weight with enclosure 10 oz., 300 g
$150 including enclosure & controls	$130 including optional enclosure & controls
instant 15 MHz WWV reception	15 MHz WWV reception c/ 196 knob rotations

The detented tuning control of the DSW and DSW-II series takes about 5 minutes to get used to, and perhaps a whole half hour to really master. The trick with the DSW was to learn to divide your desired frequency change from the power-on default 14 060 kHz by six, and then count the rotations. Since 4.8 kHz is very close to 5 kHz, the approximate calculation for the DSW-II

series will be easier. The Morse frequency annunciator has a resolution of 1 kHz, so to get precisely on target, you need to find the detent click in coarse tuning mode between, say, 14 029.8 kHz and
14 030 kHz. (In fine tuning mode, that boundary would be between 14 029.95 kHz and 14 030 kHz.)

Changing keyer speed is a snap: push the keyer control button until you hear a Morse "S." Hold the dit paddle to go faster than the default speed, or the dah paddle to slow it down. The audio annunciator tracks with the keyer speed. Wait for "R" to reverse the paddles, "T" to transmit a tone, or "SK" to use a straight key or external keyer. Neither the DSW nor the DSW-II keyer has text memories.

Like the DSW-20, the DSW-II-20 will operate on the entire 20 m band, but its receiver hears only on the lower sideband. Although its audio bandpass is narrow, since it is designed for CW reception, phone reception is also possible, as demonstrated by listening to the voice transmissions of WWV and the numerous shortwave broadcast stations on the 19 m band. On the DSW-20, it was possible, however, to modify the receiver to listen on the upper sideband, thereby making CW/USB cross-mode operation possible. This modification requires mounting an 8.2 microhenry inductor on the underside of the main circuit board parallel with C14, and then re-aligning C14. The equivalent variable capacitor on the DSW-II-20 is C12. From the circuit diagrams it appears that the 8.2 microhenry inductor will also do the sideband-switching job on the DSW-II-20. One other result of this modification is that the audio bandpass will be a bit broader because of the audio filter design shape in the DSW-II. A surface-mount inductor can be soldered to the board with little fuss. When they are released, the DSW-II-80 and the DSW-II-40 will receive on the upper sideband, so they will also require an extra inductor to switch their reception to LSB. The DSW-II-17 will receive LSB, so an inductor will be needed on that rig as well to convert it to USB reception. The inductor values will probably be different for each model. We'll have to ask Dave Benson for some coaching.

73, Bruce Prior N7RR
Blaine, WA

_____
The new MSN 8: advanced junk mail protection and 2 months FREE*
http://join.msn.com/?page=features/junkmail

Date: Tue, 10 Jun 2003 09:46:21 -0500
From: lfcpa@juno.com
To: qrp-l@Lehigh.EDU
Subject: [152165] FS - SW radio and kit package deal

Message-ID: <20030610.094622.1136.2.lfcpa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I have a SW-20 built and working great. It is in the SW-enclosure and has the freqimite installed. I also have an unopened SW-30 board kit (no enclosure or freqimite for the SW-30). I am asking $100 shipped CONUS for both as a package.

Thanks,
Leland KD5JAM

_____
The best thing to hit the internet in years - Juno SpeedBand!
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Date: Tue, 10 Jun 2003 10:55:45 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [152166] Possible FS - HRO Sixty
Message-ID: <002d01c32f60$6563a1a0$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A friend of mine has an old radio he wants to get rid of. I personally do not know the condition, but will be checking it out in a few days.

It's an HRO Sixty.

I don't know about original manuals, but I do know that he has numerous modules that 'plug in' to the drawer you pull out.

So, first question... What's something like this worth? Go to EBAY?
Or is there interest here?

Mike
N1DVJ

Date: Tue, 10 Jun 2003 15:03:11 +0000

From: "Alan Fryer" <N3BJ@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [152167] Fw: Fox Log - N3BJ - Corrected/Final
Message-ID: <Law9-OE38nZiIY6YepA00037e8d@hotmail.com>

I'm on the road with the wireless Palm, so can't edit the log. Please make the following corrections:

W6AZ - should be 2246 UTC, CA, Ron

AA7EJ - should be AA7EQ

W4NJK - should be CA

All other info stands. This was some of the roughest copy I have encountered - most sigs had serious QSB into the noise.

Alan, N3BJ

----- Original Message -----
From: N3BJ@hotmail.com
To: qrp-l@Lehigh.EDU
Date: Mon 06/09/2003 16:55
Subject: Fox Log - N3BJ - Prelim.

rrections, comments ?

----- Original Message -----
From: Alan.Fryer@indsys.ge.com
To: 'Fryer, N3BJ@hotmail.com
Date: Mon 06/09/2003 15:03
Subject: Fox Log - N3BJ

C	Call	Mine	His	SPC	Name	Power
2202	K0EVZ		559	559	ND	Doc 4W
2203	W5YR	559	559	TX	George	5W
2204	W5KDJ		559	559	TX	Wayne 400 mW
2206	AA7EJ		559	559	AZ	Bob 5W
2209	W3CD	559	559	CA	Bob	5W
2211	K7FD	559	559	OR	John	5W
2215	NK6A	559	559	CA	Don	5W
2217	W6AZ	559	559	OR	John	5W
2220	WJ9B	599	559	NC	Will	4W
2222	KK6MC		579	559	NM	Jim 5W
2225	KK5NA		559	559	TX	Joe 5W
2227	K5SR	559	559	TX	Dale	5W

2230	AC7A	559	559	AZ	Tom	5W
2242	W7ILW	559	559	AZ	Walt	5W
2245	W4NJK	559	559	NC	Charlie	5W
2248	N5IB	559	559	LA	Jim	5W
2250	N0WX	559	559	MN	Mike	5W
2251	K5EOA	559	559	LA	Wayne	5W
2253	K5JHP/M	559	559	TX	Bill	5W
2255	W0EB	559	559	KS	Jim	5W
2256	N5YFC	559	559	LA	Wayne	5W
2257	N0UR	579	559	MN	Jim	5W
2258	N5FFF	559	559	LA	Wayne	5W
2259	CO2HA	579	559	Cuba	Frank	5W
2302	VA6MJT	599	559	AB	Mike	5W
2305	AA0NI	229	559	OK	Dan	5W
2307	N1FN	559	559	CO	ET	5W
2310	W5USJ	579	559	TX	Chuck	3W
2312	N2WW	559	559	CO	Larry	5W
2315	K5DKH	599	559	AR	Willie	5W
2320	KD5KXF	559	559	TX	Mike	5W
2329	N0IT	599	599	MO	Dave	5W
2329	N3BJ	599	599	VA	Alan	5W

Date: Tue, 10 Jun 2003 10:41:06 -0500
From: lfcpa@juno.com
To: qrp-l@Lehigh.EDU
Subject: [152168] SW-20 radio and SW-30 kit are sold.
Message-ID: <20030610.104106.1112.1.lfcpa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

The radio and kit have been sold. Thanks.

_____
The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only $14.95/ month - visit www.juno.com to sign up today!

Date: Tue, 10 Jun 2003 08:59:16 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [152169] Re: Air Coil balun..(Heath) tnx to all who replied..and summary.
Message-ID: <MABBJOEABOILMKCJCLFCEELCEHAA.n6wg@earthlink.net>
MIME-Version: 1.0

Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Earl
Don't forget the difference between 50 ohms and 75 ohms when using your analyzer to test the balun. The analyzer is most likely intended for use in a 50 ohm system, so using 75 ohm
coax and a 300 ohm load will not give you the same results as 50 ohms plus 200 ohm load.
73, Bob N6WG

Date: Tue, 10 Jun 2003 12:05:09 -0400
From: Brad Thompson <Brad.Thompson@valley.net>
To: myetsko@insydesw.com,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [152170] Re: Possible FS - HRO Sixty
Message-ID: <5.0.2.1.2.20030610114304.02104ec0@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:55 AM 06/10/2003 -0400, Mike Yetsko wrote:
>A friend of mine has an old radio he wants to get rid of. I personally
>do not know the condition, but will be checking it out in a few days.
>
>It's an HRO Sixty.
>
>I don't know about original manuals, but I do know that he has numerous
>modules that 'plug in' to the drawer you pull out.
>
>So, first question... What's something like this worth? Go to EBAY?
>Or is there interest here?
>
>Mike
>N1DVJ

Hi--

The HRO-60 is arguably one of the better vacuum-tube receivers for amateur radio service,
circa the late 1950s- early 1960s. The "modules" are coil sets-- four (A, B, C, and D) cover the
amateur and short-wave bands, while accessory coil sets cover from VLF to six meters. Separate
plastic dial scales accompany (or should accompany) the accessory coil sets.

The basic coil sets feature individual bandwidth "switches"-- small tabs that you reposition to
cover the bandspread sections provided in the coils sets.

Mechanically speaking, the radio is well built, with a very nice vernier-tuning system that
was a National Radio trademark. There are at least two internal accessory plug-ins: a crystal
calibrator (fixed markers) and a NBFM adaptor. Also, you'll need an external loudspeaker,
and National offered a matching speaker.

As for value, well... that depends on a multitude of factors, but it's probably not a $50 radio
unless it's been swimming<g>. Chances are, it would sell for anywhere from $200 to $600 depending
on condition and the absence of modifications. The accessory coil sets are uncommon and somewhat
valuable to other HRO-60 owners, but the radio is more valuable as a complete (or near-complete)
package.

As with all older vacuum-tube radios, you need to practice safe power-application techniques. If you
haven't already done so, DON'T plug the radio in and power it up from a cold start after years in
storage. You can cause a lot of damage and potentially expose yourself to a shock hazard if
an AC line-to-chassis bypass capacitor has short-circuited. If a filter capacitor has shorted, you
may fry the rectifier tube and power transformer.

If you're unfamiliar with old-radio restoration techniques, do some research-- you and the radio will be
better off.

To restore the radio, you may have to replace the filter capacitors and any leaking paper capacitors
or cooked resistors. Tubes are relatively easy to find, with the exception of the ballast-resistor tube
that's used to stabilize the local-oscillator heater (although a 6V6 is supposedly a plug-in substitute).
If a previous owner was a smoker, the cabinet and knobs will need cleaning.

Keep in mind that the HRO is a very heavy beast and will tax your packaging ability if you ship it
to a purchaser. You'll need to remove the coil sets and package each one

very carefully to
prevent breakage.

I owned an HRO-60 and liked it, but sold it to buy a Drake R-8, and I'm not sorry that I did--
the HRO was a fine radio, but it took up a lot of operating-table space.

73--
Brad AA1IP

Date: Tue, 10 Jun 2003 11:15:50 -0500
From: "John Burnley" <JBurnley@ifmc.org>
To: <qrp-l@lehigh.edu>
Subject: [152171] Thanks to the American QRP Club
Message-ID: <see5be08.000@iaweb02.ifmc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

I received a very nice note from Doug Hendricks and the American QRP Club this morning telling me that the American QRP Club has donated the following prizes for this weekends Iowa QRP Club forums. A very big thank you to AM-QRP for the following items:

BLT Kit
NorCal Resistor Kit
NorCal Keyer Kit
NorCal MiniBoots Amp Kit.

I know they will find good homes! Again our thanks to the American QRP club for their support of QRP clubs.

72, John NU0V

Date: Mon, 9 Jun 2003 11:29:45 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>
Subject: [152172] Piggi hunten
Message-ID: <006b01c32ea4$569c3d60$0077da0c@mchsi.com>

Sitten on 14.062 !

Anyone have a couple of minutes top stop by and say howdy??

72 oo Jerry N0JRN
FP # 546, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. http://home.mchsi.com/~n0jrn/
MP + # 8, K 1 # 608, SW 20 +, TT 1340 , RM 20 &
40, Tiny Tornado 20, 30, 40, 80, SMK - 1
and so on and so on

Date: Tue, 10 Jun 2003 10:47:23 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
        Low Power Group <qrp-l@LeHigh.EDU>
Subject: [152173] Fox - Summer Fox Hunt Team Results.
Message-ID: <Pine.LNX.4.33.0306101041540.9556-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt #1 - K3ESE -

The Cajun Thunder - 3	The Cheeseheads -
Wayne - K5EOA *	Jerry - N9AW
Vern - AA5O *	Rick - NK9G
Wayne - N5YFC *	Jim - WA9TZE
Jim - N5IB	Gary - W9XT
Mike - VA6MJT	and one more.
The Great Lakers -	The NE-TX Tornados - 5
- waiting for names and calls.	Lew - N5ZE *
	Joe - KK5NA *
	Wayne - W5KDJ * Clean
	Doc - W5TB * Sweep
	George - W5YR *

...any corrections, please e-mail me direct...72 - Bruce (VE5RC+VE5QRP)

Date: Tue, 10 Jun 2003 10:49:55 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
        Low Power Group <qrp-l@LeHigh.EDU>
Subject: [152174] Fox - Summer Fox Hunt Team Results.
Message-ID: <Pine.LNX.4.33.0306101048220.10274-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt #2 - N0UR -

The Cajun Thunder - 6	The Cheeseheads -
Wayne - K5EOA *	Jerry - N9AW
Vern - AA5O *	Rick - NK9G
Wayne - N5YFC *	Jim - WA9TZE
Jim - N5IB	Gary - W9XT
Mike - VA6MJT	and one more.
The Great Lakers -	The NE-TX Tornados - 10
- waiting for names and calls.	Lew - N5ZE *
	Joe - KK5NA *
	Wayne - W5KDJ * Clean
	Doc - W5TB * Sweep
	George - W5YR *

...any corrections, please e-mail me direct...72 - Bruce (VE5RC+VE5QRP)

Date: Tue, 10 Jun 2003 13:17:47 -0400
From: "Craig A. Ferris" <cferris@aeronix.com>
To: qrp-l@Lehigh.EDU
Subject: [152175] OT: wanted: Wavetek 1062
Message-ID: <3EE612BB.FF4DCF7E@aeronix.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Please reply direct with price and condition.

72,
Craig NR4E
Melbourne, FL

Date: Tue, 10 Jun 2003 13:25:31 -0400
From: Haines Brown <brownh@hartford-hwp.com>
To: qrp-l@Lehigh.EDU
Subject: [152176] morse program and Linux
Message-ID: <200306101725.h5AHPVY6026127@hartford-hwp.com>

I need to refresh my code and turned to an old standby,
morse. However, I find that it no longer works with my new hardware.

The morse application compiles to create binaries suited to a set of
situtations, including the use of the PC internal speaker and the use
of a sound card.

However, I find that the morseLinux and morse binaries don't work for
me (program runs, but no sound), and while the morseX11 binary does
make a sound, it garbles the dits and dahs so that they are not
distinguishable (a known problem with morseX11).

My sound card is an Audigy. Has anyone hacked the morse source code to
get it to support an external speaker through that card?

Has anyone resolved the morseX11 bug so that it behaves reliably?

Or else, would someone be willing to recommend an alternative Linux
morse code program (Farnsworth, variable speed, a way to select which
groups of characters to work on, support for prosigns, etc.)?

--
      Haines Brown
     brownh@hartford-hwp.com
     kb1grm@arrl.net
     www.hartford-hwp.com

Date: Tue, 10 Jun 2003 13:58:28 -0400 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@gwi.net>
To: <brownh@hartford-hwp.com>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [152177] Re: morse program and Linux
Message-ID: <3EE61C44.000001.00856@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

 =0D
 =0D
-------Original Message-------=0D
 =0D
From: brownh@hartford-hwp.com=0D
Date: Tuesday, June 10, 2003 1:34:04 PM=0D
To: Low Power Amateur Radio Discussion=0D
Subject: morse program and Linux=0D
 =0D
I need to refresh my code and turned to an old standby,=0D
morse. However, I find that it no longer works with my new hardware.=0D
 =0D
The morse application compiles to create binaries suited to a set of=0D
situtations, including the use of the PC internal speaker and the use=0D
of a sound card.=0D
 =0D
However, I find that the morseLinux and morse binaries don't work for=0D
me (program runs, but no sound), and while the morseX11 binary does=0D
make a sound, it garbles the dits and dahs so that they are not=0D
distinguishable (a known problem with morseX11).=0D
 =0D
My sound card is an Audigy. Has anyone hacked the morse source code to=0D
get it to support an external speaker through that card?=0D
 =0D
Has anyone resolved the morseX11 bug so that it behaves reliably?=0D
 =0D
Or else, would someone be willing to recommend an alternative Linux=0D
morse code program (Farnsworth, variable speed, a way to select which=0D
groups of characters to work on, support for prosigns, etc.)?=0D
 =0D
--=0D
Haines Brown=0D
=0D
=0D
Hi Haines,=0D
=0D
Well you did not say which flavor of linux you are running.. =0D
I use the following and it works great for my Redhat 8.0 system.=0D
take a look.=0D
http://morseall.org/=0D
=0D

Good Luck ,=0D
73 Dave kc1di =0D
=0D
=0D
 =0D
 =0D
=2E

Date: Tue, 10 Jun 2003 14:13:46 -0400
From: Ed Lawson <k1vp@grizzy.com>
To: brownh@hartford-hwp.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [152178] Re: morse program and Linux
Message-ID: <3EE61FDA.4090800@grizzy.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Haines Brown wrote:

>I need to refresh my code and turned to an old standby,
>morse. However, I find that it no longer works with my new hardware.
>
>
>
Have you looked at cwcp or cwtrainer? It uses the regular PC speaker and
has several options for practicing CW including those you mention...I
think...

http://www.qsl.net/kb1ens/cwtrainer/

Ed Lawson
K1VP

Date: Tue, 10 Jun 2003 15:19:25 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: Brad.Thompson@valley.net,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [152179] Re: Possible FS - HRO Sixty
Message-ID: <5.2.1.1.2.20030610151801.027b1cd8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

And keep in mind that the Broadcast & LF/VLF coils may be worth more than
the radio proper. They are relatively hard to come by, and command serious
prices.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Tue, 10 Jun 2003 14:21:25 -0500
From: mark.milburn@juno.com
To: qrp-l@lehigh.edu
Subject: [152180] Iowa QRP Club CW Net
Message-ID: <20030610.142211.-716943.0.MARK.MILBURN@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Iowa QRP Club CW Net will be held on or around 7.112 Wednesday night
at 8 PM Iowa time, or Thursday morning 0100Z. Join us if you can.

72 Mark KQ0I
Des Moines, Iowa

Date: Tue, 10 Jun 2003 15:50:08 -0600
From: "Mugleston, Brad" <brad.mugleston@gwl.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [152181] Scrap double sided circuit board
Message-ID: <DAF37305ADE7944EAD8D779A1A6844D502530C86@its-mail3.its.corp.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"

There use to be someone that had access to scrap circuit board. I've got a
project that I've been meaning to get to and having some material to play
with would push me forward.

I'm only on the digest and don't get much of a chance to read it so if you
could reply direct to me if it's still available I would appreciate it.

72's

de KI0OT, Brad

Date: Tue, 10 Jun 2003 23:21:22 +0200
From: WJuergens@t-online.de (Wolf-Ruediger Juergens)
To: qrp-l@lehigh.edu
Subject: [152182] Re: morse program and Linux
Message-ID: <200306102321.22150.wjuergens@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain;
  charset="iso-8859-15"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Haines Brown wrote:

> Or else, would someone be willing to recommend an alternative Linux
> morse code program (Farnsworth, variable speed, a way to select which
> groups of characters to work on, support for prosigns, etc.)?

Try unixcw. It has all the features you mentioned.
Suse use a very old version without soundcard support so better you compile
the unixcw.tar.gz from the debian ftp server byself. Dont know how the other

flavours of Linux handle unixcw.

72 de Wolf, DL2WRJ
--
The primary cause of failure in electrical appliances is an expired
warranty. Often, you can get an appliance running again simply by
changing the warranty expiration date with a 15/64-inch felt-tipped
marker. -- Dave Barry, "The Taming of the Screw"

End of QRP-L Digest 2947
****